SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS
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S.A.S.M.E.E. BULLETIN

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THE OFFICIAL JOURNAL OF
THE SOUTH AUSTRALIAN SOCIETY OF
MODEL & EXPERIMENTAL ENGINEERS INC.

SEPTEMBER 2011

ISSN/0155/3700

HAPPENINGS

To start off, at the June meeting a very well respected gentleman Bill Coles accepted his Life Membership in front of 46 members. Bill has undertaken many duties throughout the years and is still actively participating. Bill has

- Full member since 1978
- 20 years hands on boiler inspector
- In the 20 years Bill has conducted 183 boiler registrations out of 186
- Current Editor of the SASMEE Bulletin, since 1998 (After the death of president, Bryce Ames)
- Current Librarian
- A maker of fine working models

It now brings sad news that one of our members has passed away after a long illness. Don Awalt (known to most of us as THE YANK) passed away on Friday 29th July 2011, Don was an active member, a past committee member, a past canteen manager, a person who dedicated his time in doing everything right. Don will be missed, especially by the Wednesday group.

The Safety Valve Run was well attended and with absolutely perfect weather, we saw many different trains running into the night. A lot of laughs and good company made the evening a huge success.

I'm sure by now, everyone on the 7 ¼" track, have seen the rear corner looking more pleasing and the public have been commenting how nice it does look all the way round and it's from the members who attended the Wednesday and Saturday working bees. These members are dedicated to keeping the grounds neat and tidy and all sorts of maintenance which enables smooth running on all public field days. Well done and many thanks to all involved.

One of our members, Jodie Monte, one of lady drivers, has now moved to Perth to live and work. Jodie is still keeping in touch and will occasionally be back to have a drive of dad's engines.

SASMEE will be hosting the small gauge trains on Easter Monday of the 2012 convention. SASMEE also has the post convention run on the Tuesday, so please place these dates in your diaries as we will need help for those days.

Just a note – Our club luncheon this year held on Sunday November 20th 2011 and it will be at the Birdwood Mill. All members will need to pay $15.00 per person attending. This

money will be refunded on the day or forfeited if a no show occurs. This will be an interesting day as we have a barbeque first and the museum to go at our own pace afterwards. Please give all monies to Monte.

SUNDAY PUBLIC FIELD DAY
5TH JUNE 2011

42 members attended a day of 17 degree C with late showers predicted, and as per predictions the late showers came to finish the day a little earlier than normal. 2 large birthday parties came out to keep everyone busy and the ladies in the canteen, Margaret Coxon, Jackie Monte, Toni Offler, Sue Leslie, Rebekah Hobbs and Jake Marshall were more than happy to help with all our food supplies. It was good to hear the favourable comments made by the public on how enjoyable it is at SASMEE.

STEAMHOUSE

Ralph Ollerenshaw, John Weidenhofer, Bob Smith and David Eustice.

SASMEE PARK STATION 3 ½" & 5"

Matthew Leslie	Co-Co	BHP 6000 class Diesel
John Monte	0-4-0, 0-4-0	D/H Elec Shunters Jack, Junior
John Beal / David Hawkins	0-6-0	Schenectady
Graeme Driscoll	0-6-0, 0-6-0	Kitson Meyer ACNR #34
Bryan Homann	4-8-0	T Class #214

Trains were dispatched by station attendants Mark Coxon and John Foster.

MILLSWOOD STATION 5" & 7 ¼"

Barry Dunstan	0-4-0	Dolgoch
Bert Francis	0-4-0	Tal-y-llyn
Bob Nash/ Glen Templeman/ Mitchell Templeman	0-6-0	Koppel

Trains were dispatched by John Lewis and Ian Clark.

BOAT POND

Michael Priest	- Loyal Helper, Tug Boat
Stan Shelton	- Adelaide, Paddlesteamer
Allan Waller	- Samson, Tugboat

Allan Waller	- Torpedo Boat #1
Bob Smith	- Patrol Boat, Brave Borderer P1011
	- Club Boat, Albatross
Bill Weste	- Steam Boat, Langdon
John Shelton	- Yacht
	- Turbo 2 Cruiser MV - 310
	- White Star MV-356
Michael Offler	- Corvette, Chriscraft Cabin Cruiser
	- Metinda, Tug Boat
Glynne Thomas	- Colwyn Bay, Trawler
Alan Saunders	- T336, HMS Grenadier, Military Class Armed Trawler
Alf Payne	- Boulogne – Etaples, Fishing Trawler
Malcolm Ambler	- Swiss Barge
	- Cruiser 05

JUNE MEETING NIGHT

46 members attended the meeting to witness Bill Coles receive his Life Membership. Bill is a well respected member who has undertaken many duties throughout the years and is still actively participating. After the break 24 members stayed back to see a CD of Fred Dibnah's Industrial Age.

His tour takes him from Cornwall to Scotland, explaining how tin, slate, lead and coal were all extracted from the ground. Along the way he visits old mine workings, drives winding engines and descends a mine shaft strapped to the top of the cage.

SATURDAY PUBLIC FIELD DAY

18TH JUNE 2011

On a fine and mild day of 17 degrees C. 49members came out and found 3 large birthday parties in action, even though, everyone was quite relaxed during the day as we all had some chance to have a break for a cup of tea / coffee and a biscuit. The public were well behaved and they all had a good time.The ladies, Jackie Monte, Jill Smith and Margaret Lewis looked after our needs once again and no one was disappointed. John Beal was seen in the steam house today running the small stationary engines. John commented on the memories of this some years ago and still enjoyed this activity today. Well Done.

STEAMHOUSE

Ralph Ollerenshaw & John Beal & Ian Foster.

SASMEE PARK STATION 3 ½" & 5"

Malcolm Ambler	NSW 422 Class Diesel #42215
John Monte	0-4-0, 0-4-0 d/h Elec Shunters Jack, Junior
John Mere / John Lyas	2-8-4 720 class #724
Bob Smith	2-8-2 700 class #702
Ian Foster	0-4-0 Club Loco - Apprentice

Trains were dispatched by station attendants
Ainsley Cuthbertson, Daniel Lyas & David Hawkins.

MILLSWOOD STATION 5" & 7 ¼"

Len Redway	0-6-0	Jinty
Barry Dunstan	0-4-0	Dolgoch
Bert Francis	0-4-0	Tal-y-llyn
John Lewis	0-6-0	Sevenplex
Graeme Driscoll		4 truck shay #12

Trains were dispatched by Milton Smith & Ian Clark.

BOAT POND

Michael Priest	- Loyal Helper, Tug Boat
Allan Saunders	- T336, HMS Grenadier, Military Class Armed Trawler
Chris McKay	- Submarine
	- Tenace, Tug Boat
	- Landing Craft, LCU-578 with 2 Tanks
John Shelton	- Sea Twister. Cont`d
	- Wave Rider, MV-149
	- Fishing Boat, Seafish
Glynne Thomas	- Colwyn Bay, Trawler
	- Amsterdam, Tug Boat Life Boat
Michael Offler	- Corvette, Chriscraft Cabin Cruiser
	- Metinda, Tug Boat

SAFETY VALVE RUN
25TH JUNE 2011

54 Members came out to a glorious day / night run, where we saw all facets of steam in action. Steam in the pond, traction engine in action, 3 ½" Gauge, 5" Gauge, 7 ¼" Gauge and the steam house with the stationary engines, and it was the place to be when it got a little chilly in the evening. There were a few freight trains, steam trains, big diesels to the little shunters and there were also many first time locos, having a go and seeing what the problems were, to those which gave many hours of enjoyment first time out. As the evening came we were all rewarded with some lovely hot food to keep the energy up for running our models into the night. The

camaraderie amongst all members was excellent and everyone I'm sure had an enjoyable safety valve run. Many thanks to all for the good company.

SUNDAY PUBLIC FIELD DAY
3RD JULY 2011

39 members attended a beautiful 15 degree C day, and for a Sunday we were not rushed of our feet and we were able to relax and enjoy the day. This was the first time in a long time where there were no birthday parties, which was unusual considering it was school holidays as well. Libby Foster, Toni Offler, Margaret Coxon, Jake Marshall, Rebakah Hobbs and Jackie Monte were enjoying the afternoon and were able to relax and have a cuppa or two as well.

It was good to hear from some members that the public had remarked on how SASMEE PARK is a nice place to come and enjoy the facilities for the afternoon. Well done to everybody and thanks.

STEAMHOUSE

Ralph Ollerenshaw, John Weidenhofer and David Eustice.

SASMEE PARK STATION 3 ½" & 5"

Matthew Leslie	Co-Co	BHP 6000 class Diesel
John Monte	0-4-0, 0-4-0	d/h elec shunters Jack, Junior
Peter Hoye	2-8-2	D&RGW Mudhen #453
Michael Moyse		Bud Car
John Beal / David Hawkins	0-6-0	Schenectady
Graeme Driscoll	V8	German P / Type
Ian Foster	0-4-0	Club Loco – Apprentice

Trains were dispatched by station attendants Mark Coxon and Peter Cockburn.

MILLSWOOD STATION 5" & 7 ¼"

Barry Dunstan	0-4-0	Dolgoch
Len Redway	0-6-0	Jinty

Trains were dispatched by Jeff Schaefer

BOAT POND

Allan Waller	-Mady, Fishing Boat
	-Army Duck
John Shelton	- Wave Rider MV-149
	- Turbo 2 Cruiser
	- White Star MV-356
Michael Priest	-Loyal Helper, Tug Boat
Michael Offler	- Metinda, Tug Boat
John Babi	- Atlantic, Tug Boat
Bob Smith	- Port New Plymouth, Cargo Ship

Alf Payne	- Boulogne – Etaples, Fishing Trawler
	- Hamburg, Fishing Trawler
Glynne Thomas	- Colwyn Bay, Trawler
	- Amsterdam, Tug Boat
Malcolm Ambler	- Swiss Barge
	- Cruiser 05
Bill Weste	- Steam Boat, Langdon
Allan Saunders	- T336, HMS Grenadier, Military Class Armed Trawler.

JULY MEETING NIGHT

24 members stayed back to see a DVD on
THE NORTH YORKSIRE MOORS RAILWAY – FROM THE FOOTPLATE

It's an 18 mile steam excursion through some of the most beautiful scenery in Britain. With a dozen cameras on the engine From the Footplate brings you new and exciting views of No. 80135 in action, as well as stunning countryside on the route.

Departing from Pickering the journey takes you north calling at Levisham and Goathland, before arriving at historic Grosmont Station. With a running commentary as they work, John and Ian show just how they manage to drive the 50 year old engine up and down some of the steepest rail gradients in Britain. There are stories and tales, too, about this glorious line – and the people who work it.

This DVD is now kept in the library.

SATURDAY PUBLIC FIELD DAY
16TH JULY 2011

On a fantastic 18 degree C day, 35 members had a relaxing day with 2 large birthday parties, however the cool wind has kept most patrons away. The ladies in the canteen Jill Smith, Jean Clark & Jackie Monte were enjoying the afternoon as it wasn't as busy as usual and managed to have a cuppa or two and make the most of it. It was good to see Terry Trezise come out for a run with Springbok as it hasn't been out for a while and no doubt the locomotive ran flawlessly all afternoon.

STEAMHOUSE

John Weidenhofer and Ralph Ollerenshaw.

SASMEE PARK STATION 3 ½" & 5"

John Monte	0-4-0, 0-4-0	d/h elec shunters Jack, Junior
Bryan Homann	4-8-0	T Class #214
Graeme Driscoll	V8	German P / Type
John Mere / Michael Tingay	2-8-4	720 Class #724
Bob Smith / Ainsley Cuthbertson	2-8-2	700 Class #702
Terry Trezise	4-6-0	Springbok #1088

Trains were dispatched by station attendants Ian Foster and Ainsley Cuthbertson .

MILLSWOOD STATION 5" & 7 ¼"

John Lewis	0-6-0	Sevenplex
Len Redway	0-6-0	Jinty
Barry Dunstan	0-4-0	Dolgoch
Bert Francis	0-4-0	Harry

Trains were dispatched by Milton Smith and Ian Clark.

BOAT POND

Allan Waller	- Clyde Puffer, Small Freighter
	-Mady, Fishing Boat
	-Army Duck
	- Lochier, Passenger Vessel
Stan Shelton	- Adelaide - Paddlesteamer
Michael Priest	- Corvette, HMAS Gardenia K99
Michael Offler	- Metinda, Tug Boat
Alf Payne	- Hamburg, Fishing Trawler
Bill Weste	- Steam Boat, Langdon
Gerry Turner	- A-isha 2
Mary Turner	- Bristol Bay, Trawler
Alf Payne	- Hamburg, Fishing Trawler
John Shelton	- Wave Rider MV-149
	- Turbo 2 Cruiser
	- White Star MV-356
Glynne Thomas	- Colwyn Bay, Trawler
	- Amsterdam, Tug Boat
	- Life Boat Tug, #44-018

SUNDAY PUBLIC FIELD DAY
7TH AUGUST 2011

42 Members came out to a day which looked like not running at all as the rains were certainly making it all look bleak. The weather held off and it seemed all the patrons came out and made it a good day after all. Matt Leslie (Tasha's) and Simon Huntington came out with their new locos and both looked heavy and ready to go. Both loco's ran very well and were not disappointed at the final result. Well Done. It's a credit to all, members as we adapted for the handicap people that came out to have rides on our trains and to enjoy the experience.
The ladies of the canteen, Sue Leslie, Toni Offler and Jackie Monte were kept very busy and with 5 large parties many items were sold out prior to the close of the day. Margaret Beal was also kept busy with her small stall of various train items.

STEAMHOUSE

John Weidenhofer, Ralph Ollerenshaw and David Eustice

SASMEE PARK STATION 3 ½" & 5"

John Beal / David Hawkins	0-6-0	Schenectady
John Mere	0-4-0	Club Loco – Apprentice
John Monte	0-4-0, 0-4-0	d/h elec shunters Jack, Junior
Bryan Homann	4-8-0	T Class #214
Matthew Leslie	Co-Co	BHP 6000 class Diesel
Matthew Leslie	0-4-0	Elec Shunter - Miki

Trains were dispatched by station attendants John Foster & Ian Foster.

MILLSWOOD STATION 5" & 7 ¼"

Len Redway	0-6-0	Jinty
Barry Dunstan	0-4-0	Dolgoch
Bert Francis	0-4-0	Tal-y-llyn
Simon Huntington	0-4-0	Bluey – Elec Shunter

Trains were dispatched by John Lewis & Jeff Schaefer.

BOAT POND

Stan Shelton	- Adelaide - Paddlesteamer
Michael Offler	- Metinda, Tug Boat
John Shelton	- Turbo 2 Cruiser
	- White Star MV-356
	- Tonga, Outrigger Canoe
Allan Waller	- Clyde Puffer, Small Freighter
	-Army Duck
Alf Payne	- Boulogne – Etaples, Fishing Trawler
	- Hamburg, Fishing Trawler, cont`d.

Malcolm Ambler - Swiss Barge, Steam Launch MA 737S

AUGUST ANNUAL GENERAL MEETING

2011 Annual General Meeting was well attended as the room was at capacity and spare chairs were hard to come by.
We welcome the new committee, and they are,

President	- John Foster
Vice President	- John Monte
Secretary	- Jeff Schaefer
Treasurer	- Ralph Ollerenshaw
Assistant Treasurer	- Ian Foster
Minute Secretary	- John Beal
Committee	- John Weidenhofer
	- David Hawkins
	- Michael Offler
	- Mark Coxon

MEMBER OF THE QUARTER

BERT FRANCIS a photo of bert somewhere

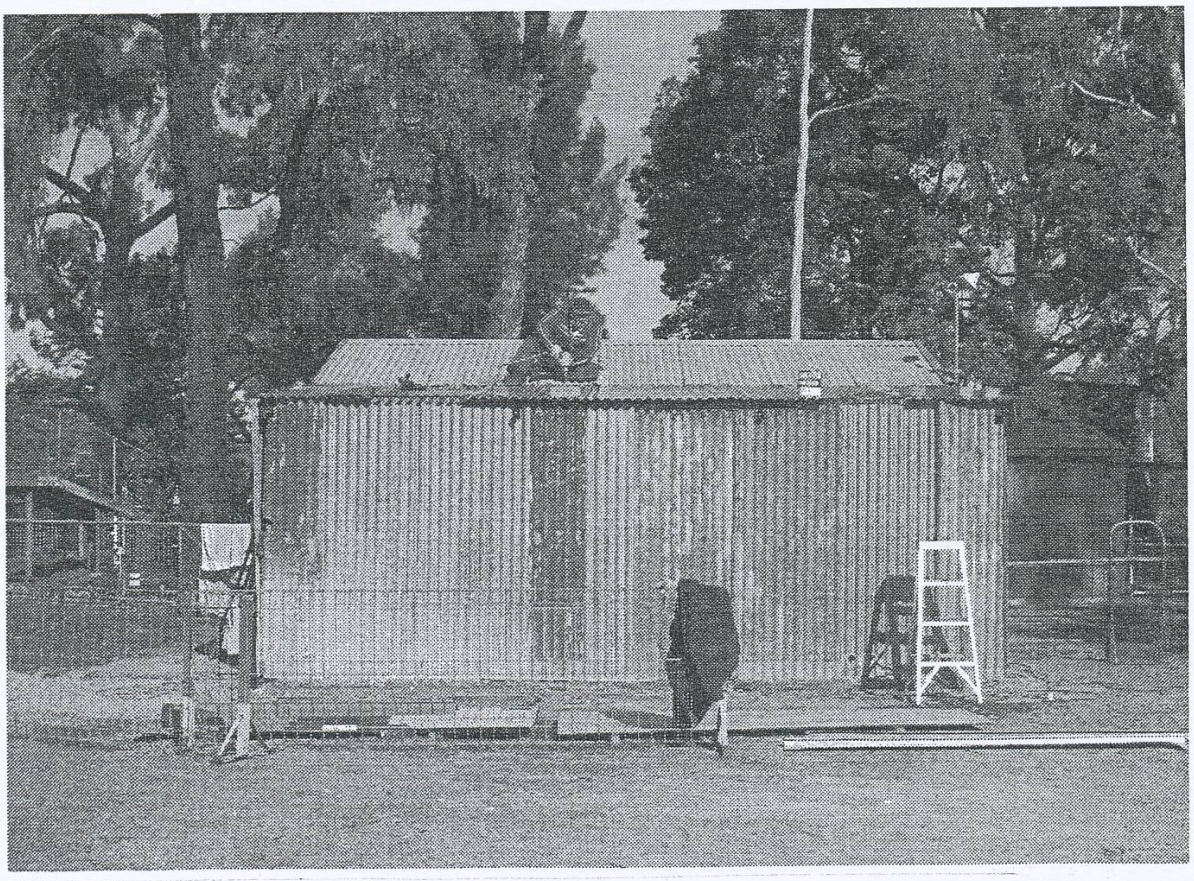
Bert Francis joined the club the 12th October 1976
Bert's profession during his working years was an Electrical Fitter.
Bert got into model engineering thru Frank Lee, who had to talk Bert into it, and thru the years to now still loves building models.
Bert has built 10 steamers and 1 electric and is now planning another loco to build and while his health is well I would think Bert will be building to the end.
Over the years Bert had seen many achievements and many improvements and has commented that all were as important as each other at the time of completion, they were the signs of change and also the change necessary for the club to move forward.
Bert also commented how SASMEE is so special that it is one of Adelaide's little secrets.

An update on the plan to revise the 5"g unloading area. Article by Jeff Schaefer.

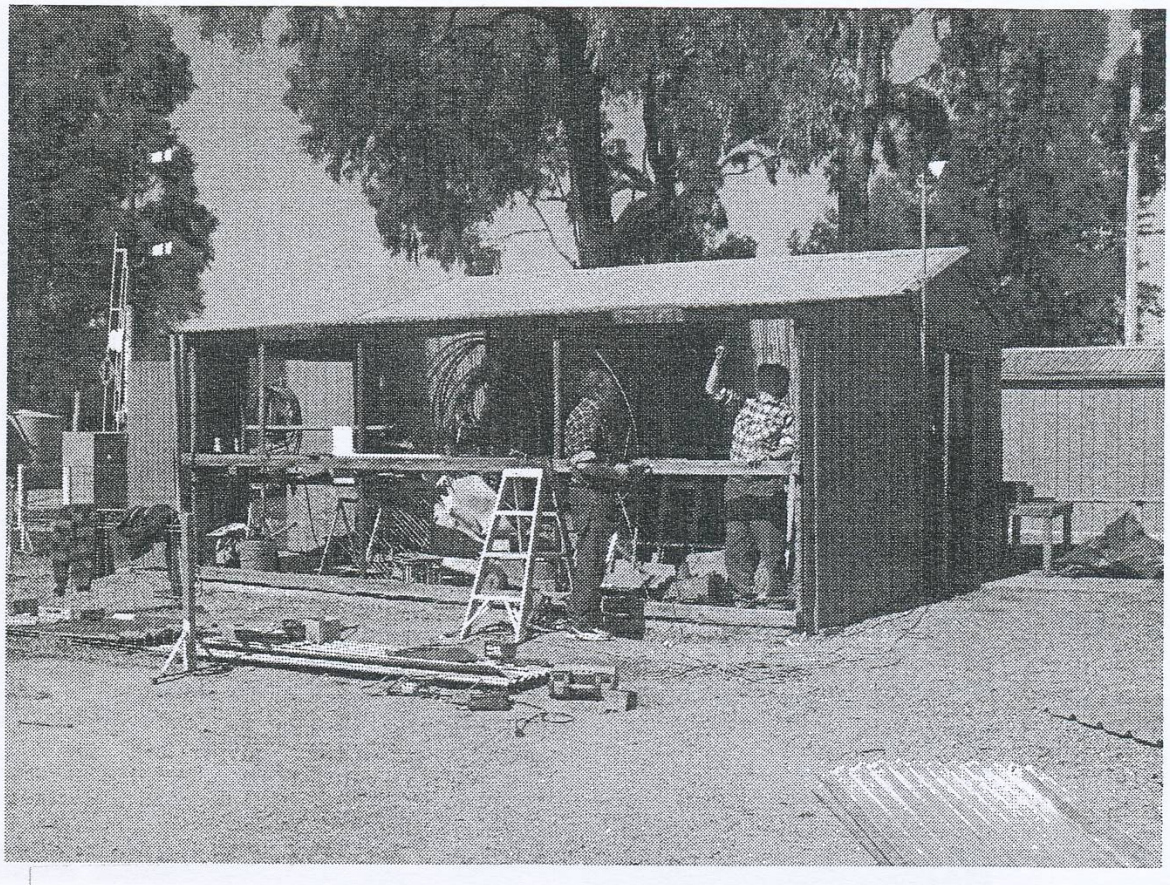
At the May General Meeting John Foster presented a plan to enlarge the workshop and during the following discussion it was decided to look at ways to make the 5" G unloading and loading quicker and easier. An effort was to be made to try to eliminate the need to back trailers into the traverser and the ramps.

At the May General Meeting John Foster presented a
John prepared new plans following a suggestion that that we could run the traverser out on a longer track parallel to the end of the workshop. This would allow vehicles to drive over the traverser tracks and stop with the rear of the trailer (or vehicle) just clear of the traverser when it is rolled out. Several vehicles could pull up side by side. This would alleviate the need for drivers having to turn and back up to the traverser one at a time.
Testing of this idea indicated that there was not enough room for vehicles to turn away and park after unloading. It was suggested that a new workshop be built that would be longer and narrower so the two lean-to sections of the workshop could be converted back to open space.
John went back to the drawing board and found that by moving just the gardening shed portion of the lean-to and the coal bunker we should have enough room.
At the June General Meeting it was moved and approved that as part of Stage 1 a new Colorbond tool shed be purchased and installed by our Northern fence and the coal bunker to be moved.
Installing the new tool shed did not present any problems for Ralph Ollerenshaw, John Foster, Michael Tingay, Bryan Homann and Lindsay Hope.
Relocating of the coal bunker was achieved easily, with the use of a mobile crane, to its new pad alongside the overpass. The difficulty arose in getting rid of the old concrete pad. The bobcat that had removed the concrete lean-to floor and the apron in front of the coal bunker, with relative ease, refused to budge it. Cont`d

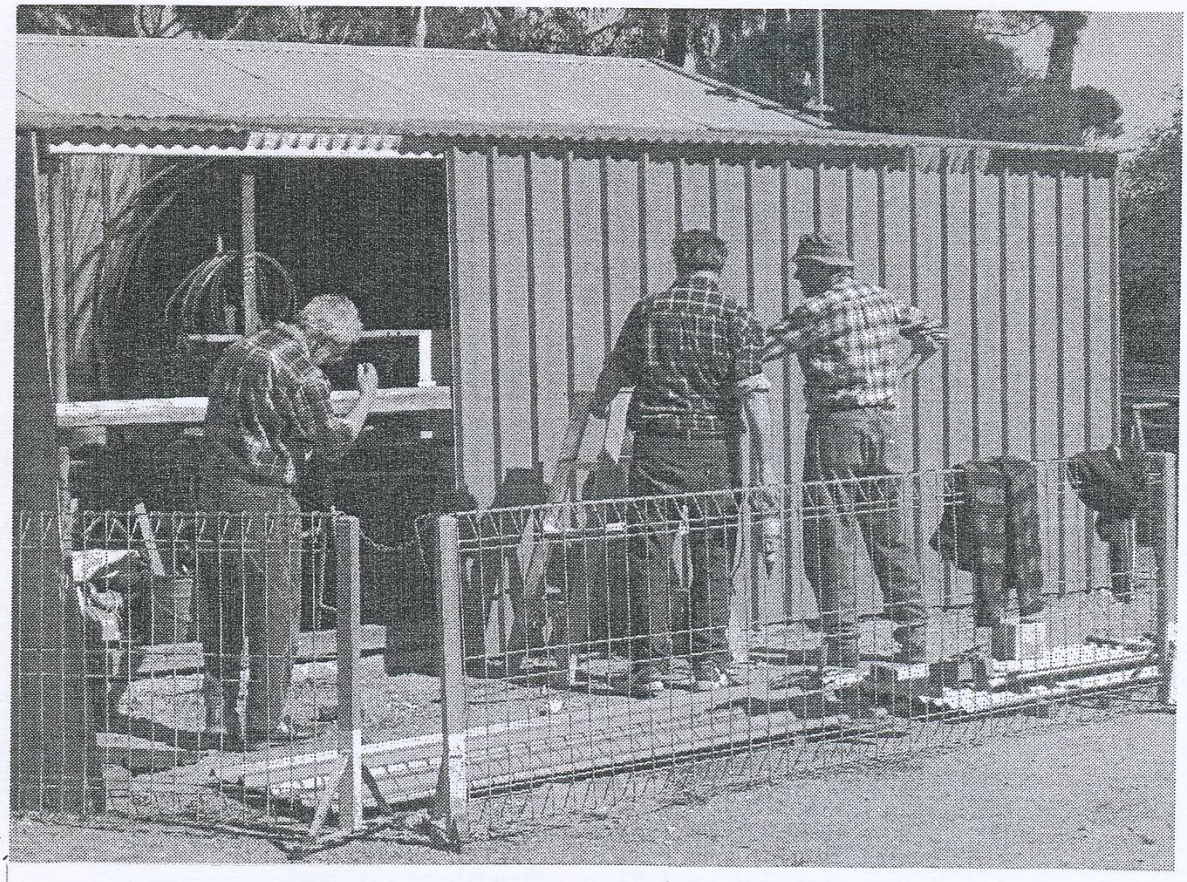
The job was completed only by using a large diamond saw cutting it into four sections and using the bobcat to lever each bit out. The concrete turned out to be about 200mm (8 inches) thick with a pier about 200mm diameter and over 300mm (12 inches) deep under each of the 4 bolts. Over engineered?
John Foster had ordered new corrugated iron for the roof and Colorbond panelling for the wall so it was a case of off with the old and on with the new. Bryan Homann, Michael Tingay, John Davey, Michael Offler, John Davey and Jeff Schaefer assisted John with this task while Graeme Driscoll went with his Ute to get some more timber.
Part of the connecting wall will be removed between the workshop and the lean-to to make it all more useable.
Des Goedecke and John Foster have been working on a true to scale plan of the area using the grid layout that Des and Alex Mitropoulos had installed some years ago. This will allow us to try out various ideas without swinging the pick and shovel. Hooray!!!. When completed these proposed layouts will be submitted to a General Meeting for discussion.



Old garden shed at commencement of refurbishment.

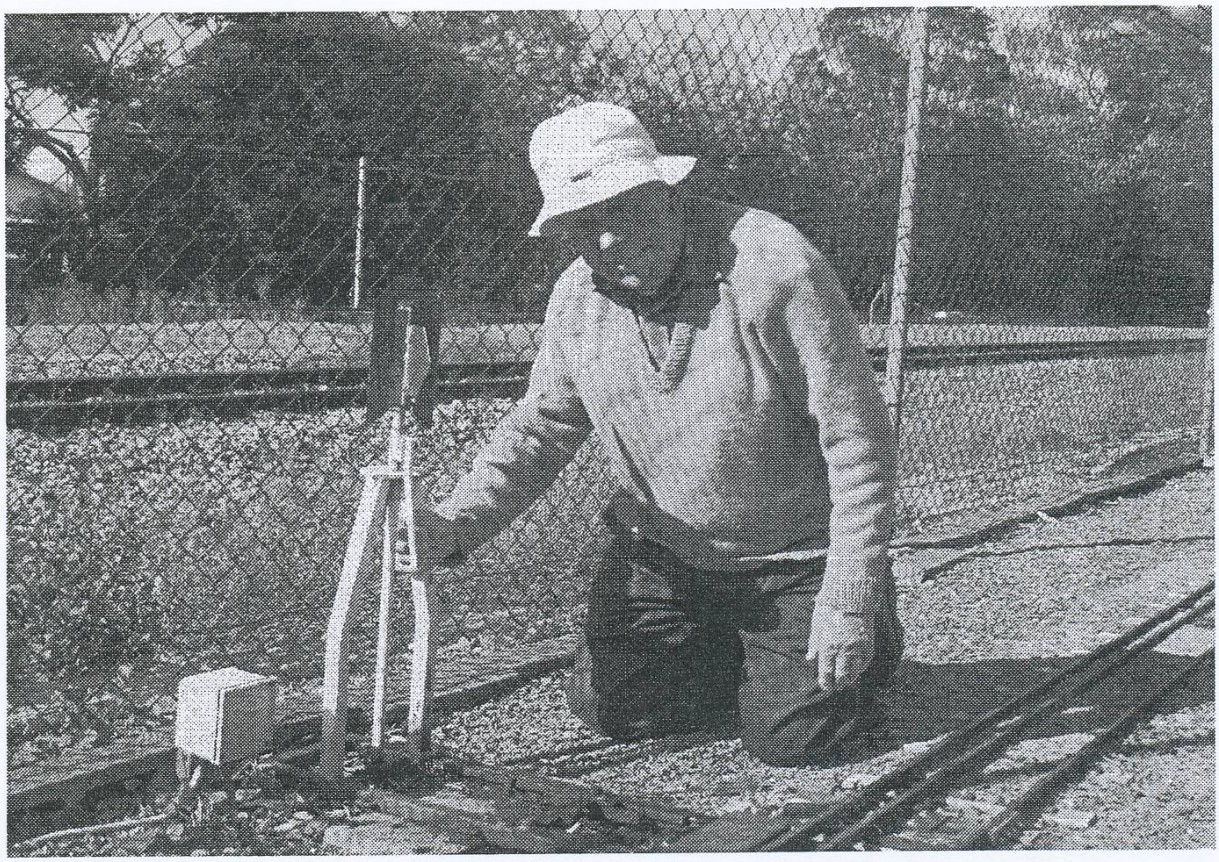


Old galv. removed.

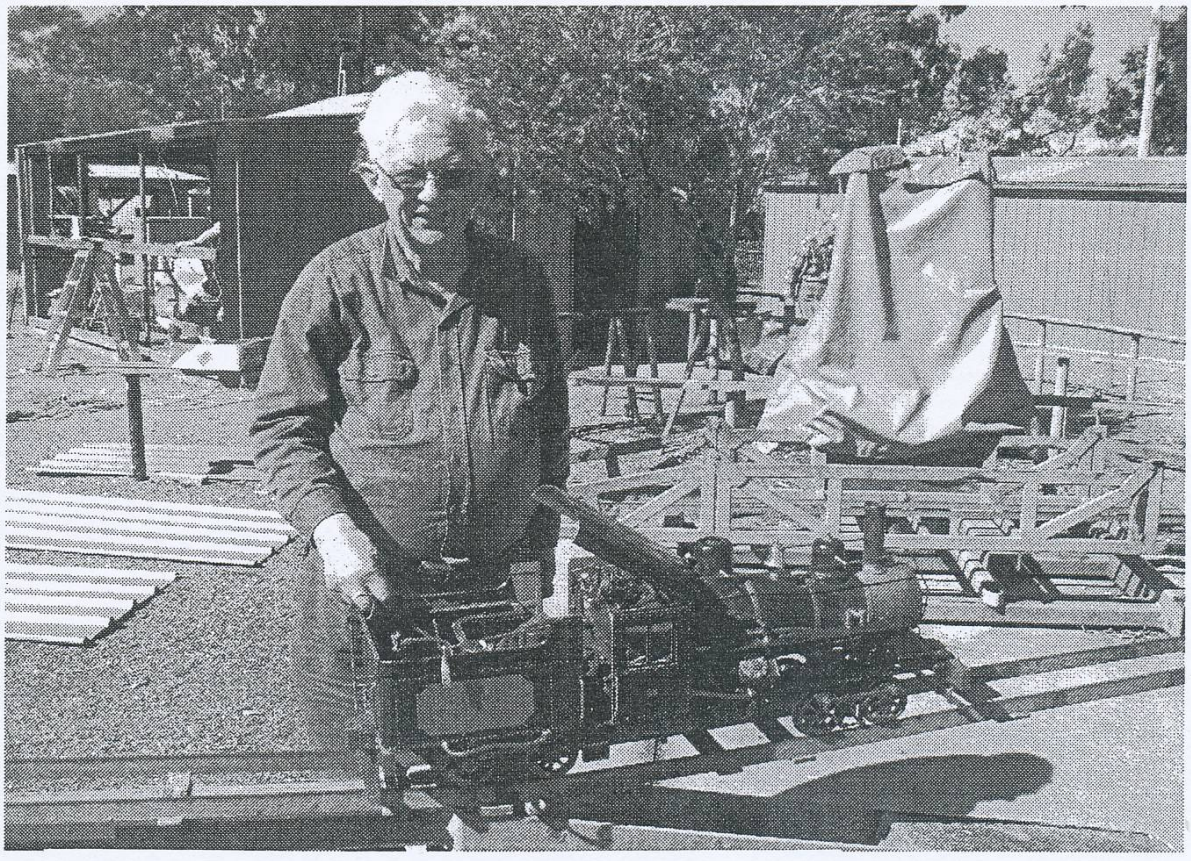


New cladding being fitted

Bert Francis Member of the Month, with Harry.



Ian Clark maintaining our signalling system.



Michael Tingay with his Heisler.

It`s here somewhere?.

Barry, John and Alex. Problem solved.

9th AUGUST.AGM MEETING

Prior to the election of Officers the President asked for a minutes silence in memory of an active and popular member in Don Awalt who succumbed to illness on August 2011.

The President then presented his report followed by the Treasurers annual report. The club is in an excellent financial and administrative thank to the guidance of past Presidents and Treasurers.

On completion of these reports the President all positions vacant and asked Jack Davey to officiate at the election of new officer bearers for year 2011/12.

There being only sufficient candidates for the available positions the new office bearers were announced without the need for a ballot. The new office bearers are listed at the last page of this bulletin.

My thanks go to those who have carrier office responsibilities for the past year and I would like to welcome those new members who have joined the committee. The membership also thanked the outgoing office bearers though acclamation.

The sad passing of Don Awalt was mentioned above. The family have offered a donation to the club in his memory. Don's family have also consented to the planting of a tree with a sign in his memory in SASMEE Park in a spot to be named "Yankee Corner".

SATURDAY PUBLIC FIELD DAY 20th AUGUST

A bumper crowd attended and although we were a little short on locos everyone seemed to enjoy themselves with several complementary comments being offered to various club, cont`d

members. There were six birthday parties and one other large group enjoying picnics as well as many family groups. The first good weather after a series of wet weeks certainly helped attendances.

STEAM HOUSE

The steam house was kept running by Ralph Ollerenshaw and John Weidenhoffer. The new steam pipes installed by Ralph have added to the appearance of the steam house and functioned flawlessly to Ralph's great relief.

SASMEE PARK STATION 3½" and 5" LOCOS

The following locos and drivers provided rides:

Malcolm Ambler	Co-Co	NSW 422 Class Diesel #42215
John Monte	0-6-0	Jabiru #J012
Ian Foster	0-4-0	Apprentice
John Mere	2-8-4	720 Class #720

Station masters were:

Ainslie Cuthbertson, David Hawkins, Michael Tingay, Ian Foster

MILLSWOOD STATION 7¼"

The following locos and drivers provided rides:

Barry Dunstan	0-4-0	Dolgoch
Graham Driscoll		4 Truck Shay
John Lewis	0-6-0	Sevenplex

Station masters ,Ian Clark, Jeff Schaefer, Milton Smith.

BOAT POND

The following members and boats attended:

Stan Shelton	PS Adelaide
Michael Priest	Corvette HMAS Gardenia
K99Alan Saunders	T33 Grenadier, Military Class.
	Armed Trawler
Alf Payne	Hamburg, Fishing Trawler
	Andrea Gail, Trawler
Michael Offler	Metinda, Tug Boat
John Shelton	Turbo 2 CruiserMV-310
	Wave Rider, MV149
	Sea Twister
	Tonga Outrigger
John Babi	Atlantic, Tug Boat
Glynne Thomas	Colwyn Bay Trawler

CANTEEN

The following ladies enjoyed a brisk trade at the Canteen.

Jackie Monteodorisio
Dawn Schaefer
Jill Smith and
Dorothy Ambler.

Ladies many thanks for your help.

GATEKEEPER

John Davey

SAFETY OFFICER

Bill Coles

BOAT MODELLERS **All members with boats please remember to have your frequency peg on the board before turning on your transmitter. Don't let your mistake damage someone else's boat.**

FOR SALE
4 TRUCK SHAY- 7 ¼"
SEE GRAEME DRISCOLL FOR FURTHER DETAILS
PH 8276 9387

.....

STEREO SOUND GEAR FOR SALE
Phone Ian Clark for all details on
Ph 8293 6537

.....

5" GAUGE 4-4-0 VIRGINIA
Phone Brad Cottle for all details
Ph 8293 4051

.....

ELECTRIC MOTORS
24 VOLT, 450 WATT GEARBOX REDUCTION 450 RPM
$85.00 ea - new batch
See Monte 0409 838 494 / 8276 4675

All members with boats please remember to have your frequency peg on the board before turning on your transmitter. Don't let your mistake damage someone else's boat.

FOR SALE
4 TRUCK SHAY- 7 ¼"
SEE GRAEME DRISCOLL FOR FURTHER DETAILS
PH 8276 9387

.....

STEREO SOUND GEAR FOR SALE
Phone Ian Clark for all details on
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5" GAUGE 4-4-0 VIRGINIA
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Ph 8293 4051

ELECTRIC MOTORS
24 VOLT, 450 WATT GEARBOX REDUCTION 450 RPM
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DATES TO REMEMBER

SEPTEMBER 4TH	SUNDAY PUBLIC FIELD DAY
SEPTEMBER 10th	RAILWAY PARK INTERCLUB RUN
SEPTEMBER 13TH	GENERAL MEETING
SEPTEMBER 17TH	SATURDAY PUBLIC FIELD DAY
OCTOBER 2TH	SUNDAY PUBLIC FIELD DAY
OCTOBER 11TH	GENERAL MEETING
OCTOBER 15TH	SATURDAY PUBLIC FIELD DAY
NOVEMBER 6TH	SUNDAY PUBLIC FIELD DAY
NOVEMBER 8TH	GENERAL MEETING
NOVEMBER 15TH	CLIPSAL TOUR 6PM
NOVEMBER 19TH	SATURDAY PUBLIC FIELD DAY
NOVEMBER 20TH	CLUB LUNCHEON – BIRWOOD MILL
DECEMBER 4TH	SUNDAY PUBLIC FIELD DAY
DECEMBER 13TH	GENERAL MEETING
DECEMBER 17TH	XMAS BBQ DAY / NIGHT RUN
JANUARY 1ST	SUNDAY PUBLIC FIELD DAY
JANUARY 10TH	INTERCLUB INVITATION
JANUARY 21ST	SATURDAY PUBLIC FIELD DAY

EVERY WEDNESDAY WORKING BEE 9-00am ONWARDS
EVERY SATURDAY WORKING BEE 1-00pm ONWARDS

PLEASE MEMBERS AND MEMBERS PARTNERS, WE ARE ALWAYS LOOKING FOR EXTRA HELP IN THE CANTEEN. WE DO TAKE IT FOR GRANTED THAT THE CANTEEN LOOKS AFTER US VERY WELL EVERY RUN DAY, SO IF YOU CAN SPARE A DAY OR TWO, THIS TASK WOULD BE MORE ENJOYABLE.

OTHER THINGS

By the Editor.

HMS Warrior was the first ocean-going iron hulled battleship in the world, the largest, and fastest and most powereful of its time. The moment it left the slipway, it rendered all other warships obsolete. Now it is Britain`s last surviving battleship.

Ordered. 11th May 1895. Launched at Blackwall, 29th December 1860. Commissioned at Portsmouth 1st August 1861. End of service as a first line warship, 15th September1871. Ended active service 31st May 1883.

Warrior came about due to relations with France , never very cordial, which deteriorated in the 1850`s. The French had also just launched an iron clad frigate, the *La Gloire*. The English first sea lord, Sir John Parkinton, decided to snuff out the French threat at a stroke- the building of the world`s first iron-hulled battleship.

Warrior`s Specifications:-

Overall lenght:	420ft. [128m]	Normal max. speed.	13 knots under sail.
Lenght inside:	380ft [116m]		14.5 knots in steam.
Beam .[width]	58ft [18m]	Main armament:	26 muzzle loading 68pdrs.
Completed weight:	9,210 tons.		10 breech loading 110pdrs.
Draft:	26ft [8m]	Cost, incl. guns and coal:	390.000 pounds.

Thomas Iron Works, Black wall manufactured the armoured plates of 15 x 3 ft [5mx3m] weighing 4 tons each at 4.5" [11cm] thick. These in turn were bolted to a backing of East India teak, 18" [46cm] thick. The hull was completed with a cladding of 5/8" [1.6cm] iron.

Warriors Crew:-

42 Officers, 3 Warrant Officers, 455 seamen and boys. 3 Royal Marine Officers. 6 Royal Marine NCOS. 118 Royal Marine artillerymen. 2 chief engineers. 10 engineers. 66 stokers and trimmers. Total compliment. 705 men.

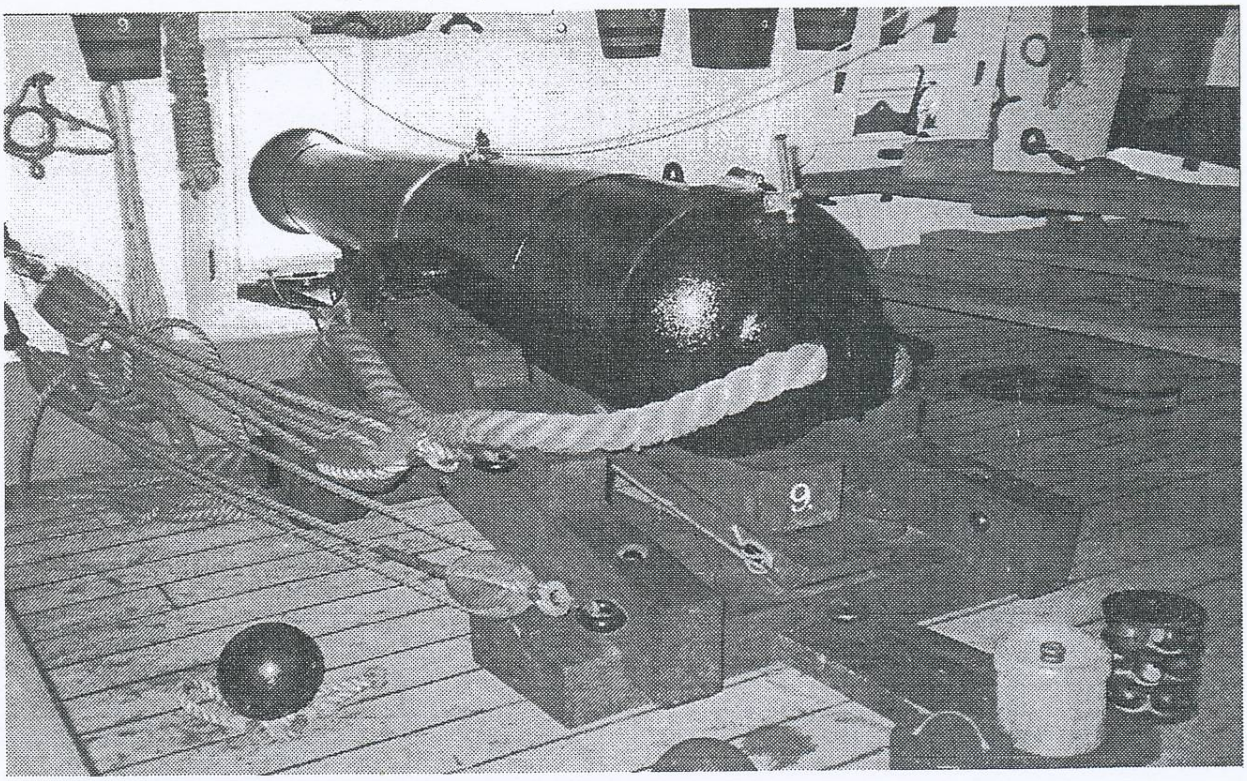
The Warrior, when in full sail -48,400 square feet [4580 m2] had telescopic funnels and to reduce drag even futher could raise the propellor, a job requiring about 600 men as it weighted 24 tons plus an 8 ton banjo frame.

Warrior had 10 boilers, each with 4 furnaces. The coal was stored in 8 bunkers along the outside of the engine and boiler rooms. Every ounce of the 850 tons had to be moved by hand to the boilers. A small rail line of 100 feet in lenght was located behind the boilers to the furnace doors. The normal operating speed of the trunk engine was 56 rpm.

On the gun deck the main part of the Warrior`s massise firepower were twenty six 68-pounder muzzle loading guns. Effective range 2,500 yards [2.300m] Also installed were 8 Armstrong 110 -pounder breech-loading guns. Effective range, 4500 yards [4150m] These had rifled barrels for greater accuracy. They had a dangerous tendency to overheat and blow out the breech block. Warrior`s guns were never fired in anger.

Warrior now rests in the The Royal Navel Dockyrds in Portmouth, after some 58 years of restoration.

Captain`s Dining Room. HMS Warrior.



68pdr Muzzle loader.

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2011---2012

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